

New Names in Senna P. Mill. and Chamaecrista Moench  
(Leguminosae Caesalpinioideae) precursory to the  
Chihuahuan Desert Flora

H. S. Irwin & R. C. Barneby  
New York Botanical Garden

At the Legume Conference held at Kew in 1978 we proposed the dismemberment of Cassia sens. lat. into three genera Cassia L. (sens. restr.), Senna P. Mill. and Chamaecrista Moench. Implementing this taxonomic decision, which will entail an unfortunately large number of new combinations, we here transfer to the appropriate genus those species which will soon be described in the Chihuahuan Desert Flora, currently in preparation under the editorship of Dr. M. C. Johnston at Austin.

SENNA P. Miller

- S. BAUHINIOIDES (A. Gray) Irwin & Barneby, comb. nov. Cassia bauhinioides A. Gray, Boston J. Nat. Hist. 6: 180. 1850.
- S. COVESII (A. Gray) Irwin & Barneby, comb. nov. Cassia covesii A. Gray, Proc. Amer. Acad. 7: 399. 1868.
- S. CROTALARIOIDES (Kunth) Irwin & Barneby, comb. nov. Cassia crotalarioides Kunth, Mimoses pl. 40. 1822 & p. 132. 1823.
- S. DEMISSA (Rose) Irwin & Barneby, comb. nov. Cassia demissa Rose, Contrib. U.S. Nat. Herb. 10: 97. 1906.
- S. DEMISSA (Rose) var. RADICANS (Irwin & Barneby) Irwin & Barneby, comb. nov. Cassia demissa var. radicans Irwin & Barneby, Sida 6 (1): 9. 1975.
- S. DURANGENSIS (Rose) Irwin & Barneby, comb. nov. Cassia durangensis Rose, Contrib. U.S. Nat. Herb. 10: 98. 1906.
- S. DURANGENSIS (Rose) var. ISELYI (Irwin & Barneby) Irwin & Barneby, comb. nov. Cassia durangensis var. iselyi Irwin & Barneby, Sida 6 (1): 11. 1975.
- S. HIRSUTA (Linnaeus) Irwin & Barneby, comb. nov. Cassia hirsuta Linn., Sp. Pl. 378. 1753.
- S. HIRSUTA (Linnaeus) var. GLABERRIMA (M. E. Jones) Irwin & Barneby, comb. nov. Cassia leptocarpa var. glaberrima M. E. Jones, Contrib. W. Bot. 12: 7. 1908.

- S. LINDHEIMERANA (Scheele) Irwin & Barneby, comb. nov. Cassia lindheimerana Scheele, *Linnaea* 21: 457 ('Lindheimeriana'). 1848.
- S. MENSICOLA (Irwin & Barneby) Irwin & Barneby, comb. nov. Cassia mensicola Irwin & Barneby, *Sida* 6 (1): 11. 1975.
- S. MONOZYX (Irwin & Barneby) Irwin & Barneby, comb. nov. Cassia monozyx Irwin & Barneby, *Sida* 6 (1): 16. 1975.
- S. ORCUTTII (Britton & Rose) Irwin & Barneby, comb. nov. Peiransia orcuttii Britton & Rose, *N. Amer. Fl.* 23 (4): 267. 1930.
- S. PILOSIOR (Macbride) Irwin & Barneby, comb. nov. Cassia bauhinioides var. pilosior B. L. Robinson ex Macbride, *Contrib. Gray Herb. n. ser.* 59: 27. 1919. C. pilosior (Macbride) Irwin & Barneby, *Sida* 6 (1): 10. 1975.
- S. PUMILIO (A. Gray) Irwin & Barneby, comb. nov. Cassia pumilio A. Gray, *Boston J. Nat. Hist.* 6: 180. 1850.
- S. RIPLEYI (Irwin & Barneby) Irwin & Barneby, comb. nov. Cassia ripleyi Irwin & Barneby, *Sida* 6 (1): 13, fig. 1. 1975.
- S. WISLIZENI (A. Gray) Irwin & Barneby, comb. nov. Cassia wislizeni A. Gray, *Pl. Wright.* 1: 60. 1852.
- S. WISLIZENI (A. Gray) var. PAINTERI (Britton & Rose) Irwin & Barneby, comb. nov. Palmerocassia painteri Britton ex Britton & Rose, *N. Amer. Fl.* 23 (4): 254. 1930. Cassia wislizeni var. painteri (Britton & Rose) Irwin & Barneby, *Sida* 6 (1): 16. 1975.
- S. WISLIZENI var. VILLOSA (Britton & Rose) Irwin & Barneby, comb. nov. Palmerocassia villosa Britton ex Britton & Rose, *N. Amer. Fl.* 23 (4): 254. 1930. Cassia wislizeni var. villosa (Britton & Rose) Irwin & Barneby, *Sida* 6 (1): 16. 1975.

CHAMAECRISTA P. Miller

- CH. GREGGII (A. Gray) Pollard ex A. Heller var. POTOSINA (Britton & Rose) Irwin & Barneby, stat. nov. Ch. potosina Britton & Rose, *N. Amer. Fl.* 23 (5): 283. 1930.
- CH. GLANDULOSA (Linnaeus) Greene var. PARRALENSIS (Irwin & Barneby) Irwin & Barneby, stat. nov. Cassia parralensis Irwin & Barneby, *Sida* 6 (1): 18. 1975.

CH. NICTITANS (Linnaeus) Greene var. MENSALIS (Greenman)  
Irwin & Barneby, comb. nov. Cassia leptadenia var. mensalis  
Greenman, Proc. Amer. Acad. 41: 238. 1905.

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